

WHAT IS CLAIMED IS:

1. A push switch apparatus comprising:
 - a switch case adapted to be a base member;
 - 5 a switch mounted on the switch case;
 - a switch cap made of an elastic material and supported on the switch case for covering the switch; and
 - a switch button supported by the base member and having an actuating portion for pushing the switch

10 characterized in that

an switch plate mounted on the switch case and arranged between the switch cap and the switch button, the switch plate having a contact surface contacts the switch button when the actuating portion of the switch button pushes the switch.

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2. A push switch apparatus according to claim 1, wherein the base member is a handle body be adapted to a vehicle door.

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3. A push switch apparatus according to claim 2, wherein the handle body providing an antenna and an operation detecting sensor.

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4. A push switch apparatus according to claim 3, the switch is electrically connected with a flexible circuit board, a coil of the antenna is electrically connected with the flexible circuit board, and the operation detecting sensor is electrically connected with the flexible circuit board, respectively.